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COHESION ITALY 21-27
ALTO ADIGE·SÜDTIROL

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AUTONOME PROVINZ BOZEN SÜDTIROL
PROVINCIA AUTONOMA DI BOLZANO ALTO ADIGE
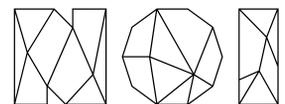PROVINZIA AUTONOMA DE BULSAN SÜDTIROL

MultiOmics Technologies: New Approaches for Nutrition and Health

12.03.2026| 9:00 a.m. – 1:00 p.m.
NOI TECHPARK, SEMINAR ROOM 1

MultiOmics technologies are becoming increasingly important, not only in research but also in developing new products and applications in nutrition and health. This year's MultiOmics symposium will bring together researchers, companies, and interested stakeholders to provide context for practical examples, openly discuss current challenges, and highlight concrete starting points for collaboration.

A key focus will be know-how and technology transfer: Which applications are already in use today? What are typical hurdles that need to be overcome, for example in data integration, analysis and reproducibility? And how can the platforms and expertise of the MultiOmics Centre for Food and Health at NOI Techpark create opportunities?

NOI
TECHPARK SÜDTIROL / ALTO ADIGE

PROGRAMME

08:30 **Registration**

09:00 **Opening and Objectives of the Symposium**
Julia Pisoni, NOI Techpark

Greetings
Luis WalcherProvincial Minister for Agriculture, Forestry and Tourism (DE)

Greetings and Overview of the Services at NOI Techpark
Vincent Mauroit, NOI Techpark (DE)

Introduction to the MultiOmics Centre for Food and Health
Christian Fuchsberger, Institute for Biomedicine, Eurac Research (DE)

09:15 **Practical Examples from Research and Industry**

Pasture Milk: High-Resolution Analytical Strategies for Milk Authentication
Alberto Ceccon, Laimburg Research Centre (IT)

Evaluating the Quality and Production Process of Unconventional Fermented Foods
Noemi Tocci, Laimburg Research Centre (IT)

Decoding What We Eat: MultiOmics for the Future of Nutrition and Health
Emma Busarello, Institute for Biomedicine, Eurac Research (IT)

10:00 **Challenges in Integrating MultiOmics Data**

Tools for Reproducible and Robust Data Analysis
Johannes Rainer, Institute for Biomedicine, Eurac Research (DE)

Predicting Prostate Radiotherapy Outcomes with Clinical–Radiomic AI
Mojtaba Haian , Free University of Bozen-Bolzano (ENG)

10:30 **Coffee Break & Networking**

11:00 **Translating Research into Real-World Impact**

Complementary Omics Techniques for Monitoring and Managing Lactic Fermentation
Andrea Polo, Free University of Bozen-Bolzano (IT)

How Omics Analyses Can Increase the Economic Efficiency of Biogas Plants
Magdalena Nagler, University of Innsbruck (DE)

From Data to Diets: OMICS at Dr. Schär
Larissa de Clauser, Dr. Schär (IT)

12:00   **Keynote – The Microbiome along the Diet–Health Axis: Findings and Application Prospects**
Nicola Segata, University of Trento (IT)

12:30   **Closing & Panel Discussion**
Katrin Janik, Nicola Segata, Larissa de Clauser, Christian Fuchsberger

Multilingual event with simultaneous translation in German and Italian.

REGISTRATION
Register **here** until 10.03.2026

CONTACT
Julia Pisoni
+39 0471-060713
j.pisoni@noi.bz.it

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